AMENDMENTS TO THE CLAIMS

1.   (Currently amended) A method for supervising a connection to a network of an electronic apparatus including an access controller for detecting an electrical connection or disconnection of a network cable, and a micro-computer comprising a non-event-driven type operating system, the method comprising:

detecting an availability of a digital signal at a receiving contact of a connector jack of the electronic apparatus, the digital signal being received from the network;

supplying, in response to detecting the availability of the digital signal, a detection output of said access controller as an interrupt signal to said micro-computer; and

executing by the micro-computer, processing for connection or disconnection of said network cable in response to receiving the interrupt signal.

2.   (Previously presented) The method for supervising the connection of a network according to claim 1 wherein:

when said access controller detects the connection of said network cable, said micro-computer detects a link to said network, and

when said micro-computer detects said link to said network, said micro-computer executes processing for accessing the network.

3.   (Previously presented) The method for supervising the connection of a network according to claim 1 wherein:

when said access controller has detected the disconnection of said network cable, said micro-computer executes processing for not allowing use of said network.

4.   (Previously presented) The method for supervising the connection of a network according to claim 1 wherein:

when said network cable is connected, use of said network is enabled through said network cable.

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5.   (Currently amended) An electronic apparatus comprising:

a connector jack for connection of a network cable;

an access controller for detecting an electrical connection or disconnection between the network cable and said connector jack by detecting an availability of a digital signal at a receiving contact of the connector jack, the digital signal being received from a network; and

a micro-computer; wherein

a detection output of said access controller is supplied as an interrupt signal to said micro-computer in response to detecting the availability of the digital signal, and upon detection of the interrupt signal, said micro-computer executes processing for connection or disconnection of said network cable.

6.   (Previously presented) The electronic apparatus according to claim 5 wherein:

when said access controller has detected the connection of said network cable, said micro-computer detects a link to said network, and

when said micro-computer detects said link to said network, said micro-computer executes processing for accessing the network.

7.   (Previously presented) The electronic apparatus according to claim 5 wherein:

when said access controller has detected the disconnection of said network cable, said micro-computer executes processing for not allowing the use of said network.

8.   (Previously presented) The electronic apparatus according to claim 5 wherein

an operating system in said micro-computer is a non-event-driven type operating system; and

when said network cable is connected to said connector jack, use of said network is enabled through said network cable.

9.   (Previously presented) The method for supervising the connection of a network according to claim 1, wherein processing for accessing the network comprises executing at least one hook program selected based on preset information stored in the micro-computer.

10.   (Previously presented) The method for supervising the connection of a network according to claim 9 wherein the at least one hook program directs a DHCP client to acquire an Internet Protocol address for the electronic apparatus.

11.   (Previously presented) The method for supervising the connection of a network according to claim 2, wherein processing for accessing the network comprises:

    requesting an Internet Protocol address for the electronic apparatus.